

INTERNATIONAL SEARCH REPORT

onal Application No
IB2004/050555

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 H04L25/02 H04L27/26

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 H04L

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, INSPEC

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X A	EP 1 107 524 A (TEXAS INSTRUMENTS INC) 13 June 2001 (2001-06-13) paragraph '0002! paragraph '0010! paragraph '0013! paragraph '0014! paragraph '0017!	2,3,8, 13,14 1,6,7, 10,15,17
A	US 2003/017835 A1 (BERGEL ITSHAK) 23 January 2003 (2003-01-23) paragraph '0002! paragraph '0005! paragraph '0024!	1,2,12, 13

☐ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents:

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- *G* document member of the same patent family

Date of the actual completion of the international search

26 August 2004

Date of mailing of the international search report

16/09/2004

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

Litton, R

Information on patent family members

International Application No

IB2004/050555

Patent document cited in search report		Publication date		Patent family member(s)	Publication date
EP 1107524	A	13-06-2001	US	6700919 B1	02-03-2004
			EP	1107524 A2	13-06-2001
			JP	2001211103 A	03-08-2001
<hr/>					
US 2003017835	A1	23-01-2003	CN	1399436 A	26-02-2003
			EP	1410528 A1	21-04-2004
			JP	2003143065 A	16-05-2003
			TW	574793 B	01-02-2004
			WO	03009493 A1	30-01-2003
<hr/>					